WAN Campus Sites

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PURPOSE

To define the policy used when ITS deals with agencies residing in a campus environment that are connected to the State's wide area network (WAN).

SCOPE

This policy applies to the Executive Branch of State government, and all city, county, local government, quasi-governmental, and federal agencies that reside in a campus environment and are connected, or requesting connection, to the State WAN.

BACKGROUND

Connecting campus environments to the WAN creates a unique challenge for ITS. Most campus environments are designed with a facility infrastructure to enable network connectivity. ITS will leverage this infrastructure to maximize capability and keep network costs as low as possible. For purposes of this policy, a campus is defined as (1) a single piece of property with multiple buildings owned, occupied, operated, or managed by the State; (2) a building shared by multiple agencies; or (3) a location where buildings are in close proximity with network facilities available between them via right-of-way, conduit, fiber optic cable, copper, or some other means.

POLICY

Campus environments are considered a single site with respect to WAN connections. The demarcation point between the State WAN and the Campus LANs will be the Ethernet interface on the WAN access device (WAN access devices may include a router, Switch, DSL remote unit, radio bridge, etc., and or combinations of these pieces of equipment). ITS will determine the best location for the WAN demarcation point and associated equipment, as well as assume responsibility for the WAN side equipment, up to and including the demarcation point.

Upon request, a single demarcation point will be provided for each paying agency or

department residing on the campus. All department or agency connections will terminate at the demarcation point. The department or agency residing on the campus is required to provide and pay for the infrastructure to connect from the demarcation point to all buildings and facilities where they have a LAN infrastructure. This includes all fiber optic cables, copper wire, connectors, repeaters, etc. Any problem beyond the demarcation point will be the responsibility of the department or agency, and the department or agency will bear the expense to resolve the difficulty.